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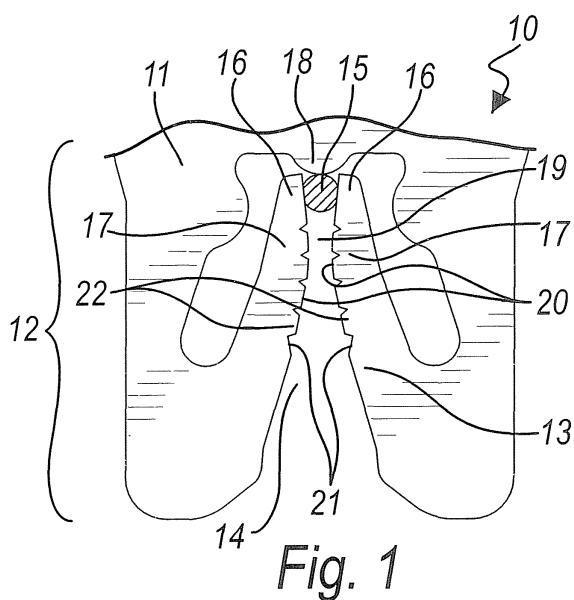
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### (54) Terminal for enameled electric wires

(57) A terminal for enameled electric wires, of the type constituted by a plate-like body (11; 111) which forms a connecting fork (12; 112) with tabs (13; 113) which cantilever inward on the same plane of arrangement as the plate-like body (11; 111); the tabs (13; 113) face each other so as to form a self-centering tapered opening (14) for guiding the insertion of an electric wire (15) with insulating enameling, the wire being adapted to be locked between the ends (16) of the tips (17; 117) of the tabs (13; 113) and an abutment (18) formed on the

plate-like body (11) proximate to the ends (16), with an axis which lies transversely to the arrangement of the plate-like body (11; 111); the tips (17; 117) form a cut-through slot (19) whose transverse dimensions are smaller than the diameter of the enameled wire (15), so as to cut through at least its insulating layer during its passage between them and provide electrical contact. At least one of the facing edges of the cut-through tips (17; 117) has a serrated portion (20; 120) in order to scrape and remove the layer of enamel from the surface of the enameled electric wire (15).





## EUROPEAN SEARCH REPORT

Application Number  
EP 08 15 0641

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
Y	EP 1 521 349 A (BOSCH GMBH ROBERT [DE]) 6 April 2005 (2005-04-06) * paragraph [0020]; figures 3,4 *	1-11	INV. H01R4/24
Y	EP 0 645 857 A (INARCA SPA [IT]) 29 March 1995 (1995-03-29) * figure 1 *	1-11	
A	DE 20 2005 014816 U1 (STOCKO CONTACT GMBH & CO KG [DE]) 17 November 2005 (2005-11-17) * paragraph [0030]; figure 4 *	1	
A	DE 12 63 130 B (SIEMENS AG) 14 March 1968 (1968-03-14) * figure 4 *	5,6,8,9, 11	
A	EP 0 459 144 A (KRONE AG [DE]) 4 December 1991 (1991-12-04) * figure 7 *	7	
A	GB 2 168 858 A (EGERTON A C LTD) 25 June 1986 (1986-06-25) * figure 3 *	10	TECHNICAL FIELDS SEARCHED (IPC)
			H01R
The present search report has been drawn up for all claims			
1	Place of search Munich	Date of completion of the search 10 August 2009	Examiner Langbroek, Arjen
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			



Application Number

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**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing claims for which payment was due.

Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

**LACK OF UNITY OF INVENTION**

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION**  
**SHEET B**

Application Number  
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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1,3,4

Terminal, for which a procedure for making the serrations is specified.

1.1. claims: 2,11

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2. claims: 5-10

Terminal, for which special shapes of the serrations are specified

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Please note that all inventions mentioned under item 1, although not necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee.

ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.

EP 08 15 0641

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

10-08-2009

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